

White Copy -  
Ill. Dept. of Public Health  
Yellow Copy - Well Contractor  
Blue Copy - Well Owner

# INSTRUCTIONS TO D ERS

FILL IN ALL PERTINENT INFORMATION REQUESTED AND MAIL ORIGINAL TO STATE  
DEPARTMENT OF PUBLIC HEALTH, CONSUMER HEALTH PROTECTION, 535 WEST  
JEFFERSON, SPRINGFIELD, ILLINOIS, 62761 DO NOT DETACH GEOLOGICAL/WATER  
SURVEYS SECTION. BE SURE TO PROVIDE PROPER WELL LOCATION.



## ILLINOIS DEPARTMENT OF PUBLIC HEALTH WELL CONSTRUCTION REPORT

### 1. Type of Well

- a Dug \_\_\_\_\_ Bored \_\_\_\_\_ Hole Diam. 12 in Depth 113 ft  
Curb material \_\_\_\_\_ Buried Slab: Yes \_\_\_\_\_ No \_\_\_\_\_
- b Driven \_\_\_\_\_ Drive Pipe Diam \_\_\_\_\_ in Depth \_\_\_\_\_ ft
- c Drilled X Finished in Drift \_\_\_\_\_ In Rock X  
Tubular \_\_\_\_\_ Gravel Packed \_\_\_\_\_
- d. Grout:

(KIND)	FROM (Ft.)	TO (Ft.)

### 2. Distance to Nearest:

Building \_\_\_\_\_ Ft. Seepage Tile Field \_\_\_\_\_  
Cess Pool \_\_\_\_\_ Sewer (non Cast iron) \_\_\_\_\_  
Privy \_\_\_\_\_ Sewer (Cast iron) \_\_\_\_\_  
Septic Tank \_\_\_\_\_ Barnyard \_\_\_\_\_  
Leaching Pit \_\_\_\_\_ Manure Pile \_\_\_\_\_

3. Well furnishes water for human consumption? Yes \_\_\_\_\_ No X

4. Date well completed 3/29/82

5. Permanent Pump Installed? Yes X Date 5/4/82 No \_\_\_\_\_

Manufacturer Red Jacket Type Subm. Location \_\_\_\_\_

Capacity 15 gpm. Depth of Setting 105 Ft.

6. Well Top Sealed? Yes \_\_\_\_\_ No \_\_\_\_\_ Type \_\_\_\_\_

7. Pitless Adapter Installed? Yes \_\_\_\_\_ No X

Manufacturer \_\_\_\_\_ Model Number \_\_\_\_\_

How attached to casing? \_\_\_\_\_

8. Well Disinfected? Yes \_\_\_\_\_ No \_\_\_\_\_

9. Pump and Equipment Disinfected? Yes \_\_\_\_\_ No \_\_\_\_\_

10. Pressure Tank Size \_\_\_\_\_ gal. Type NONE

Location \_\_\_\_\_

11. Water Sample Submitted? Yes \_\_\_\_\_ No \_\_\_\_\_

REMARKS:

## GEOLOGICAL AND WATER SURVEYS WELL RECORD METROPOLITAN SANITARY DIST.

10. Property owner OF GREATER CHICAGO Well No. 1 Monitoring

Address 100 E. Erie St., Chicago, IL.

Driller GEORGE E. GAFFKE License No. 102-234

11. Permit No. 102806 Date 3/24/82

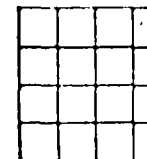
12. Water from Limestone 13. County Cook

at depth 70 to 113 ft. Sec. 14

14. Screen: Diam. \_\_\_\_\_ in. Twp. 37N

Length: \_\_\_\_\_ ft. Slot \_\_\_\_\_ Rge. 14E

Elev. \_\_\_\_\_



### 15. Casing and Liner Pipe

Diam (in.)	Kind and Weight	From (Ft.)	To (Ft.)
12	Black Liner	grade	34
5	Black Steel	grade	82

SHOW  
LOCATION IN  
SECTION PLAT  
175°N/125°W SE/4 NW NE NE

16. Size Hole below casing: 5 in. (monitoring well #1 - landfill closure site)

17. Static level 28 ft. below casing top which is \_\_\_\_\_ ft.  
above ground level. Pumping level \_\_\_\_\_ ft. when pumping at 10-15  
gpm for \_\_\_\_\_ hours.

18. FORMATIONS PASSED THROUGH	THICKNESS	DEPTH OF BOTTOM
Garbage	19	19
Blue Clay	44	63
Broken Rock & Gravel	7	70
Limestone	43	113

(CONTINUE ON SEPARATE SHEET IF NECESSARY)

SIGNED George E. Gaffke DATE 6/14/82

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## ILLINOIS DEPARTMENT OF PUBLIC HEALTH WELL CONSTRUCTION REPORT

### 1 Type of Well

- a. Dug \_\_\_\_\_ Bored \_\_\_\_\_ Hole Diam. 12 in. Depth 137 ft.  
Curb material \_\_\_\_\_ Buried Slab: Yes \_\_\_\_\_ No \_\_\_\_\_  
b. Driven \_\_\_\_\_ Drive Pipe Diam \_\_\_\_\_ in. Depth \_\_\_\_\_ ft.  
c. Drilled X Finished in Drift \_\_\_\_\_ In Rock X  
Tubular \_\_\_\_\_ Gravel Packed \_\_\_\_\_  
d. Grout \_\_\_\_\_

(KIND)	FROM (Ft)	TO (Ft)

### 2. Distance to Nearest:

Building \_\_\_\_\_ Ft. Seepage Tile Field \_\_\_\_\_  
Cess Pool \_\_\_\_\_ Sewer (non Cast iron) \_\_\_\_\_  
Privy \_\_\_\_\_ Sewer (Cast iron) \_\_\_\_\_  
Septic Tank \_\_\_\_\_ Barnyard \_\_\_\_\_  
Leaching Pit \_\_\_\_\_ Manure Pile \_\_\_\_\_

3. Well furnishes water for human consumption? Yes \_\_\_\_\_ No X

4. Date well completed 3/29/82

5. Permanent Pump Installed? Yes \_\_\_\_\_ Date \_\_\_\_\_ No X

Manufacturer \_\_\_\_\_ Type \_\_\_\_\_ Location \_\_\_\_\_

Capacity \_\_\_\_\_ gpm. Depth of Setting \_\_\_\_\_ Ft.

6. Well Top Sealed? Yes \_\_\_\_\_ No \_\_\_\_\_ Type \_\_\_\_\_

7. Pitless Adapter Installed? Yes \_\_\_\_\_ No \_\_\_\_\_

Manufacturer \_\_\_\_\_ Model Number \_\_\_\_\_

How attached to casing? \_\_\_\_\_

8. Well Disinfected? Yes \_\_\_\_\_ No \_\_\_\_\_

9. Pump and Equipment Disinfected? Yes \_\_\_\_\_ No \_\_\_\_\_

10. Pressure Tank Size \_\_\_\_\_ gal. Type \_\_\_\_\_

Location \_\_\_\_\_

11. Water Sample Submitted? Yes \_\_\_\_\_ No \_\_\_\_\_

REMARKS:

## GEOLOGICAL AND WATER SURVEYS WELL RECORD METROPOLITAN SANITARY DIST.

10. Property owner OF GREATER CHICAGO Well No. 2 Monitoring

Address 100 E. Erie St., Chicago, IL.

Driller GEORGE E. GAFFKE License No. 102-234

11. Permit No. 102807 Date 3/15/82

12. Water from Limestone 13. County Cook

at depth 92 to 137 ft.

14. Screen: Diam. \_\_\_\_\_ in. Sec. 14

Length \_\_\_\_\_ ft. Slot \_\_\_\_\_ Twp. 37N

Elev. \_\_\_\_\_ Rge. 14E

15. Casing and Liner Pipe

Diam (in)	Kind and Weight	From (Ft)	To (Ft)
<u>12</u>	<u>Black steel liner</u>	<u>grade</u>	<u>30</u>
<u>5</u>	<u>Black steel</u>	<u>grade</u>	<u>102</u>

SHOW  
LOCATION IN  
SECTION PLAT  
75°W 324' 56" S 105°E NE

16. Size Hole below casing: 5 in. (monitoring well # 2 - landfill closure site)

17. Static level \_\_\_\_\_ ft. below casing top which is \_\_\_\_\_ ft.  
above ground level. Pumping level \_\_\_\_\_ ft. when pumping at +1  
gpm for \_\_\_\_\_ hours.

18. FORMATIONS PASSED THROUGH	THICKNESS	DEPTH OF BOTTOM
<u>Garbage</u>	<u>15</u>	<u>15</u>
<u>Blue Clay</u>	<u>77</u>	<u>92</u>
<u>Limestone</u>	<u>45</u>	<u>137</u>

(CONTINUE ON SEPARATE SHEET IF NECESSARY)

SIGNED George E. Gaffke DATE 6/14/82

## INSTRUCTIONS TO DRILLERS

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DEPARTMENT OF PUBLIC HEALTH, CONSUMER HEALTH PROTECTION, 535 WEST  
JEFFERSON, SPRINGFIELD, ILLINOIS, 62761. DO NOT DETACH GEOLOGICAL/WATER  
SURVEYS SECTION. BE SURE TO PROVIDE PROPER WELL LOCATION.

# ILLINOIS DEPARTMENT OF PUBLIC HEALTH WELL CONSTRUCTION REPORT

## 1. Type of Well

- a. Dug \_\_\_\_\_ Bored \_\_\_\_\_ Hole Diam. 12 in. Depth 129 ft.  
Curb material \_\_\_\_\_ Buried Slob: Yes \_\_\_\_\_ No \_\_\_\_\_
- b. Driven \_\_\_\_\_ Drive Pipe Diam. \_\_\_\_\_ in. Depth \_\_\_\_\_ ft.
- c. Drilled X Finished in Drift \_\_\_\_\_ In Rock X  
Tubular \_\_\_\_\_ Gravel Packed \_\_\_\_\_
- d. Grout:

(KIND)	FROM (Ft)	TO (Ft)

## 2. Distance to Nearest:

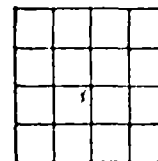
Building \_\_\_\_\_ Ft. Seepage Tile Field \_\_\_\_\_  
Cess Pool \_\_\_\_\_ Sewer (non Cast iron) \_\_\_\_\_  
Privy \_\_\_\_\_ Sewer (Cast iron) \_\_\_\_\_  
Septic Tank \_\_\_\_\_ Barnyard \_\_\_\_\_  
Leaching Pit \_\_\_\_\_ Manure Pile \_\_\_\_\_

3. Well furnishes water for human consumption? Yes \_\_\_\_\_ No X
4. Date well completed 3/29/82
5. Permanent Pump Installed? Yes X Date 5/4/82 No \_\_\_\_\_  
Manufacturer Red Jacket Type subm. Location \_\_\_\_\_  
Capacity 15 gpm. Depth of Setting 142 Ft.
6. Well Top Sealed? Yes \_\_\_\_\_ No \_\_\_\_\_ Type \_\_\_\_\_
7. Pitless Adapter Installed? Yes \_\_\_\_\_ No X  
Manufacturer \_\_\_\_\_ Model Number \_\_\_\_\_  
How attached to casing? \_\_\_\_\_
8. Well Disinfected? Yes \_\_\_\_\_ No \_\_\_\_\_
9. Pump and Equipment Disinfected? Yes \_\_\_\_\_ No \_\_\_\_\_
10. Pressure Tank Size \_\_\_\_\_ gal. Type NONE  
Location \_\_\_\_\_
11. Water Sample Submitted? Yes \_\_\_\_\_ No \_\_\_\_\_

REMARKS:

## GEOLOGICAL AND WATER SURVEYS WELL RECORD METROPOLITAN SANITARY DIST.

10. Property owner OF GREATER CHICAGO Well No. 3 Monitoring  
Address 100 E. Erie St., Chicago, IL.  
Driller GEORGE E. GAFFKE License No. 102-234
11. Permit No. 102808 Date 3/15/82
12. Water from Limestone 13. County Cook  
at depth 76 to 129 ft. <sup>Formation</sup>
14. Screen: Diam. \_\_\_\_\_ in. Sec. 14  
Length: \_\_\_\_\_ ft. Slot \_\_\_\_\_ Twp. 37N  
Rge. 14E  
Elev. \_\_\_\_\_



## 15. Casing and Liner Pipe

Diam (in)	Kind and Weight	From (Ft)	To (Ft)
<u>12</u>	<u>Black Steel liner</u>	<u>grade</u>	<u>8032</u>
<u>5</u>	<u>Black Steel</u>	<u>grade</u>	<u>10282</u>

SHOW  
LOCATION IN  
SECTION PLAT

275° 3' 21" E, 24 1/2' NE NE SW

16. Size Hole below casing: 5 in. (Monitoring Well #3 - landfill closure site)
17. Static level \_\_\_\_\_ ft. below casing top which is \_\_\_\_\_ ft.  
above ground level. Pumping level \_\_\_\_\_ ft. when pumping at \_\_\_\_\_  
gpm for \_\_\_\_\_ hours.

18. FORMATIONS PASSED THROUGH	THICKNESS	DEPTH OF BOTTOM
Garbage	17	17
<u>Blue Clay</u>	52	69
Broken Rock & Gravel	7	76
Limestone	53	129

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SURVEYS SECTION. BE SURE TO PROVIDE PROPER WELL LOCATION.

## ILLINOIS DEPARTMENT OF PUBLIC HEALTH WELL CONSTRUCTION REPORT

### 1. Type of Well

- a. Dug ☐ Bored ☐ Hole Diam 12 in Depth 120 ft  
Curb material ☐ Buried Slab: Yes ☐ No ☐
- b. Driven ☐ Drive Pipe Diam ☐ in. Depth ☐ ft
- c. Drilled ☒ Finished in Drift ☐ In Rock ☐  
Tubular ☐ Gravel Packed ☐
- d. Grout:

(KIND)	FROM (FT)	TO (FT)

### 2. Distance to Nearest:

Building ☐ Ft. Seepage Tile Field ☐  
Cess Pool ☐ Sewer (non Cast iron) ☐  
Privy ☐ Sewer (Cast iron) ☐  
Septic Tank ☐ Barnyard ☐  
Leaching Pit ☐ Manure Pile ☐

3. Well furnishes water for human consumption? Yes ☐ No ☒

4. Date well completed 4/15/82

5. Permanent Pump Installed? Yes ☐ Date ☐ No ☒

Manufacturer ☐ Type ☐ Location ☐

Capacity ☐ gpm. Depth of Setting ☐ Ft.

6. Well Top Sealed? Yes ☐ No ☐ Type ☐

7. Pitless Adapter Installed? Yes ☐ No ☐

Manufacturer ☐ Model Number ☐

How attached to casing? ☐

8. Well Disinfected? Yes ☐ No ☐

9. Pump and Equipment Disinfected? Yes ☐ No ☐

10. Pressure Tank Size ☐ gal. Type ☐

Location ☐

11. Water Sample Submitted? Yes ☐ No ☐

REMARKS:

## GEOLOGICAL AND WATER SURVEYS WELL RECORD METROPOLITAN SANITARY DIST.

10. Property owner OF GREATER CHICAGO Well No. 4 Monitoring

Address 100 E. Erie St., Chicago, IL

Driller GEORGE E. GAFFKE License No. 107-214

11. Permit No. X1074X 102809 Date 3/15/82

12. Water from Limestone 13. County Cook

at depth 76 to 120 ft. Sec. 14

14. Screen: Diam. ☐ in. Twp. 37N

Length: ☐ ft. Slot ☐ Rge. 14E

Elev. ☐


### 15. Casing and Liner Pipe

Diam (in)	Kind and Weight	From (Ft)	To (Ft)
12	Black Steel liner	grade	31
5	Black Steel	grade	89

SHOW  
LOCATION IN  
SECTION PLAT  
175W 200E SW/4  
SE NW NW

16. Size Hole below casing: 5 in. (Monitoring well #4 - (and fill closure) s.e.)

17. Static level ☐ ft. below casing top which is ☐ ft.  
above ground level. Pumping level ☐ ft. when pumping at dry hole  
gpm for ☐ hours.

18. FORMATIONS PASSED THROUGH	THICKNESS	DEPTH OF BOTTOM
Garbage	18	18
Clay	58	76
Limestone	46	120

(CONTINUE ON SEPARATE SHEET IF NECESSARY)

SIGNED George E. Gaffke DATE 6/14/82